

G Rupa

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Location: Tirupati, Andhra Pradesh, India

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Recent CS graduate skilled in building secure, high-performance **Java applications**. Developed optimized **REST APIs** (25% faster), implemented **JWT/AES encryption**, and designed full-stack systems. Strong in OOP, databases, and clean code. Cybersecurity certified (Google, NPTEL).

TECHNICAL SKILLS

Languages	: Java
Backend	: Spring Boot, Spring MVC, RESTful APIs, JDBC
Frontend	: HTML, CSS
Database	: MySQL, SQL
Version Control	: Git, GitHub
Testing	: JUnit, Postman
Security	: JWT, AES Encryption
Development Tools	: IntelliJ IDEA, VS Code
Concepts	: OOP, Data Structures & Algorithms, Multithreading, Exception Handling, Design Patterns, SOLID Principles

EXPERIENCE

Software Engineer Intern <i>Blackbucks</i>	Apr 2024 – June 2024 Online - India
<ul style="list-style-type: none">Developed 3 RESTful APIs using Spring Boot, reducing data retrieval time by 25%Implemented JWT authentication for secure access control in the employee portal.Optimized SQL queries, improving database performance by 30%.	

EDUCATION

Sri Venkateswara Engineering College <i>Bachelor of Science in Computer Science(Cybersecurity) - CGPA: 8.8</i>	Tirupati, Andhra Pradesh, India Nov 2021 – May 2025
APSWRS Junior college <i>MPC - CGPA: 9.3</i>	Madanapalle, Andhra Pradesh, India June 2019 – June 2021
APSWR School <i>CGPA: 9.7</i>	Madanapalle, Andhra Pradesh, India June 2018 – June 2019

PROJECTS

Secure Chat Application	<i>Technologies Used : Java, Spring Boot, WebSocket, AES Encryption , HTML, CSS, JavaScript</i>
<ul style="list-style-type: none">Built a real-time, end-to-end encrypted chat application supporting 100+ concurrent users with message delivery in < 500msApplied AES-256 encryption, ensuring 100% data confidentiality and integrity during message transmission.Reduced unauthorized access risks by 40% through secure key exchange and encryption protocols.	
Bank Application	<i>Technologies Used: Spring Boot, MySQL, HTML, CSS, JavaScript</i>
<ul style="list-style-type: none">Created a full-stack banking system managing 1,000+ user accounts with seamless transaction processing.Enforced JWT authentication and role-based access control (RBAC), reducing unauthorized access by 40%.Architected RESTful APIs handling 5,000+ transactions/month with AES encryption, improving data security by 50%.	

CERTIFICATIONS

- Java Full Stack Developer – Wipro
- Google Cybersecurity Professional Certificate
- Frontend Web Developer Certification – Infosys
- Cybersecurity & Privacy – NPTEL